Parts

GrindLazer™

Patent Pending

3A0103E

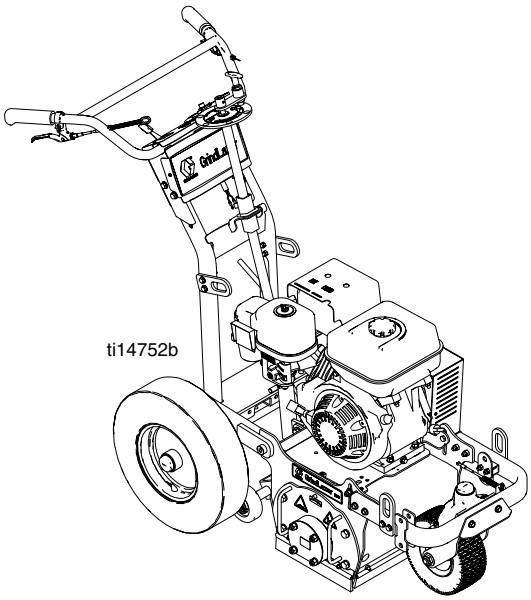
EN

- Designed to grind flat, horizontal concrete or asphalt surfaces -
- For removal of materials from concrete and asphalt surfaces -
- Professional outdoor use only -

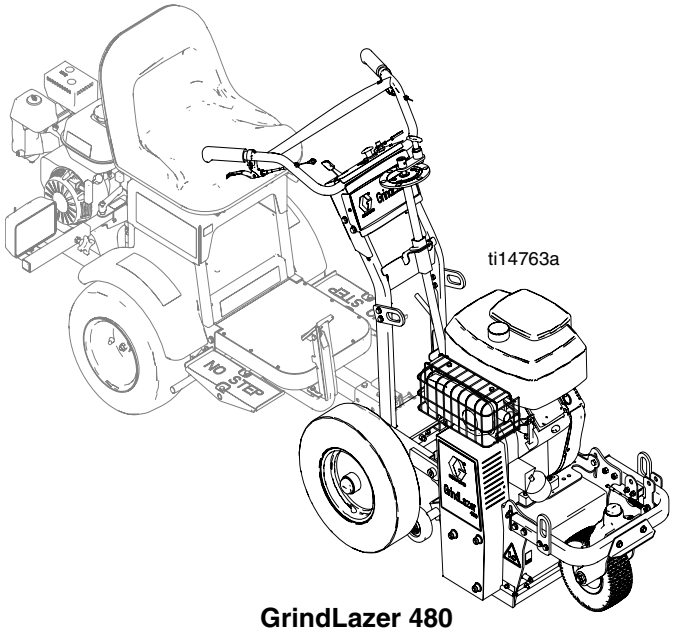
Model 571002 - Forward cut line removal / bump smoothing
GrindLazer 270 (270 cc / 9 hp)

Model 571003 - Forward cut line removal / bump smoothing
GrindLazer 390 (390 cc / 13 hp)

Model 571004 - Reverse (up cut) / inlay and grooving (Must be used with LineDriver™)
GrindLazer 480 (480 cc / 16 hp)



GrindLazer 270 and 390



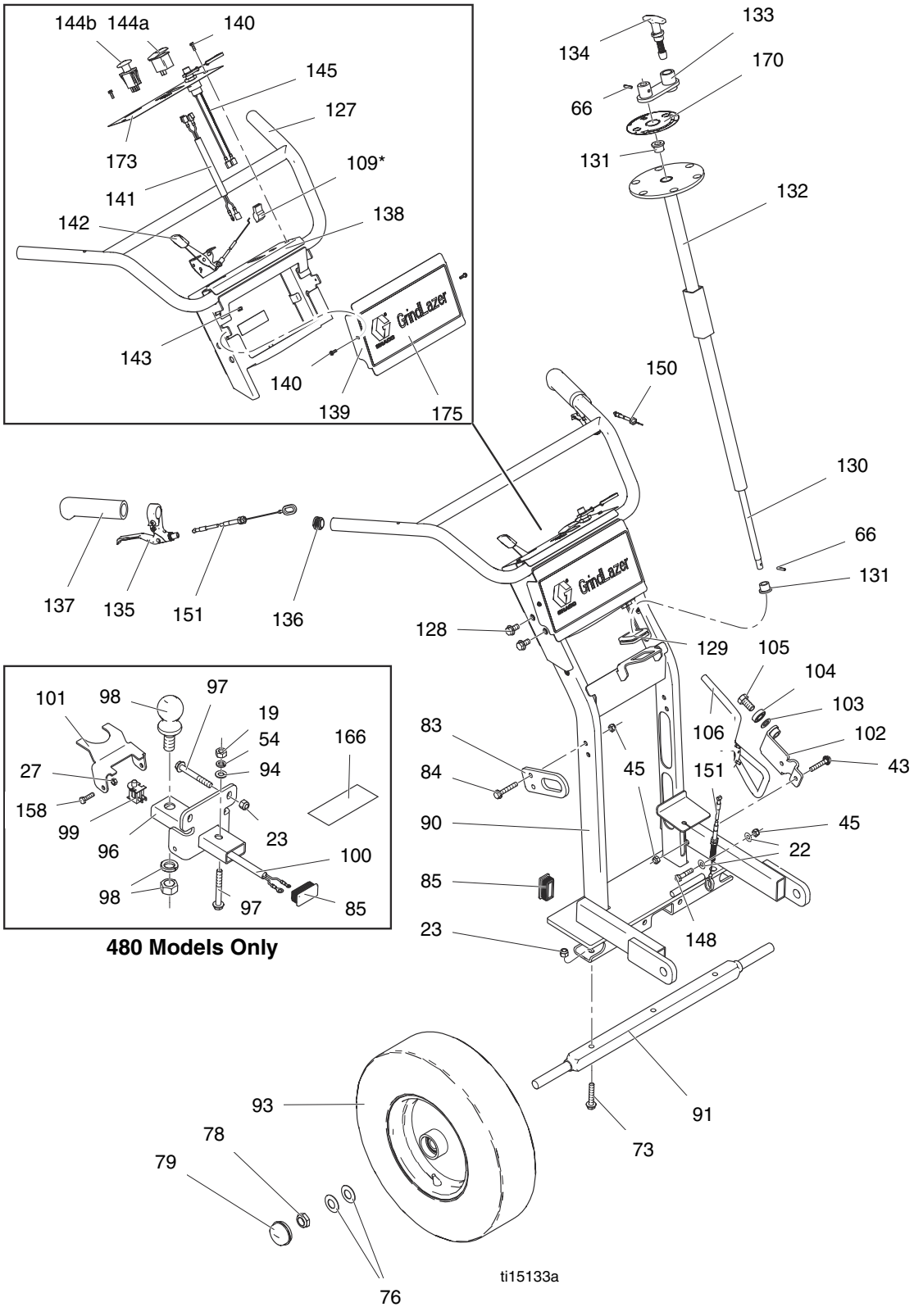
GrindLazer 480

Related Manuals:
Operation - 3A0101
Repair - 3A0102

(Drums, cutters, and LineDriver™ sold separately)

PROVEN QUALITY. LEADING TECHNOLOGY.

Parts



480 Models Only

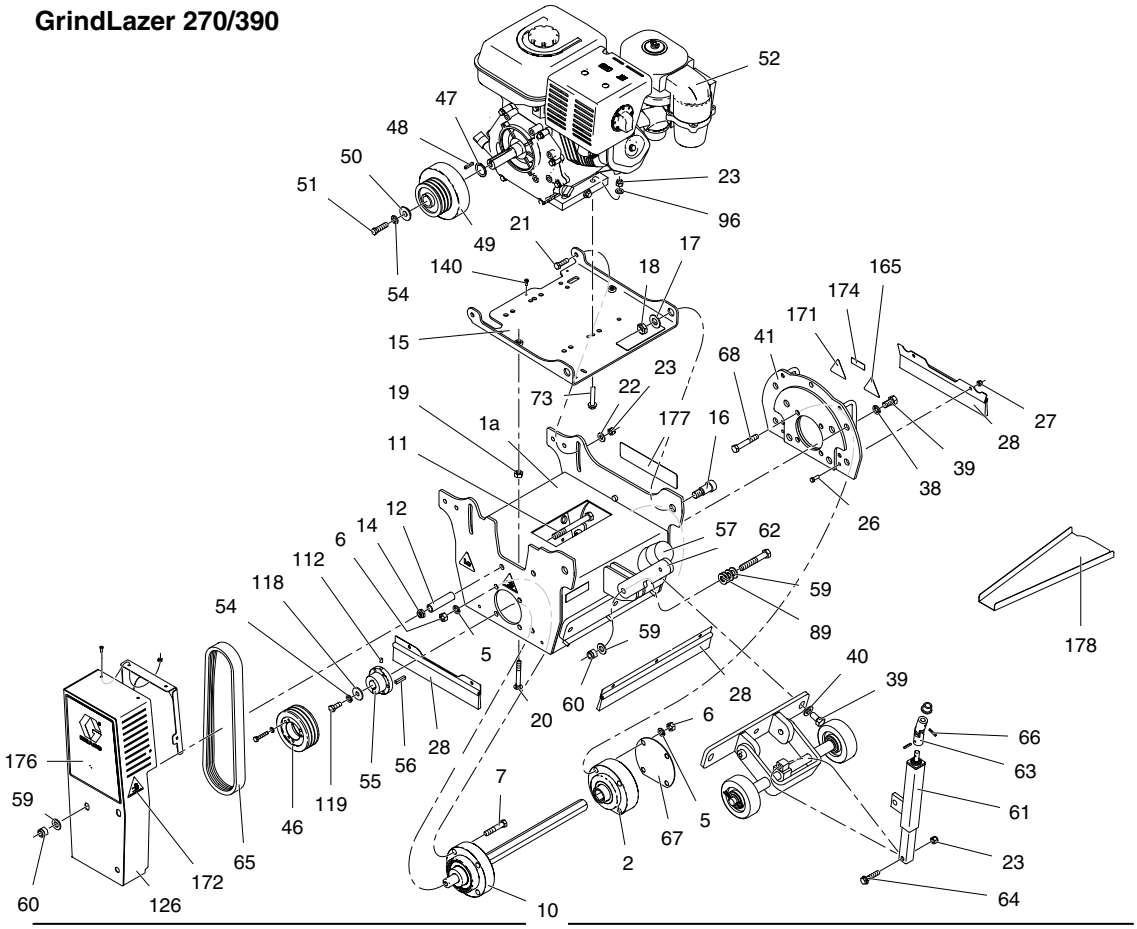
Parts List

Ref.	Part	Description	Qty.
19	100131	NUT, full hex	2
22	100023	WASHER, flat	5
23	101566	NUT, lock	13
43	112960	SCREW, cap, flng HD	6
45	111040	NUT, lock, insert, nylock, 5/16	15
54	100133	WASHER, lock	1
66	123984	PIN, spring	3
73	114982	SCREW, cap, flng HD	4
76	112825	SPRING, belleville	6
78	112405	NUT, lock	3
79	114648	CAP, dust	3
83	16C781	PLATE, lift, scarifier	4
84	114653	SCREW, cap, flange head	6
85	115087	PLUG, tubing	6
90	24D135	FRAME, rear	1
91	193405	AXLE	1
93	111020	WHEEL, pneumatic	2
94	100731	WASHER	1
96	24D544	HITCH, mount	1
97	116935	SCREW, cap, flng HD	3
98	116913	BALL, trailer	1
99	123885	SWITCH, safety	1
100	16C790	HARNESS, wire	1
101	16D497	ACTUATOR, switch, hitch	1
102	198891	BRACKET	1
103	195134	SPACER, ball, guide	1
104	198931	BEARING	1
105	113961	SCREW, cap, hex HD	1
106	198930	ROD, brake	1
109	114956	TERMINAL, wire, tap (270/390 only)	1
127	24C911	BAR, handle	1
128	112395	SCREW, cap, flng HD	4
129	16C278	GROMMET, square	1
130	16C986	SHAFT, adjustment, cutter height	1
131	115104	BEARING, flange	2
132	24D072	SHAFT, crank, adjustment	1
133	24C982	BRACKET, crankshaft	1
134	24D618	PIN, handle, scarifier	1
135	194310	LEVER, actuator	2
136	120151	RETAINER, plug	2
137	114659	GRIP, handle	2
138	16C808	PLATE, control	1
139	16D440	COVER, control	1
140	117501	SCREW, mach, slot hex wash HD	5
141	16C789	HARNESS, wire (270/390 only)	1
	16C788	HARNESS, wire (480 only)	1
142	24E296	CONTROL, throttle cable	1
143	109466	NUT, lock, hex	2
144a	114954	SWITCH, power (270/390 only)	1
114b	123682	SWITCH, power (480 only)	1
145	16D097	SWITCH, safety, tether, terminated	1
	124081	CORD, lanyard, switch safety	1
148	102547	SCREW, cap, hex HD	1
150	123816	CABLE	1
151	16A717	CABLE with spring	1
166▲	16D005	LABEL, 16 hp control (480 only)	1
170	16D076	LABEL, scarifier cutter position	1
173▲	16C395	LABEL, ISO hazards & prevent	1
175	16D391	LABEL, brand, grindlazer	1

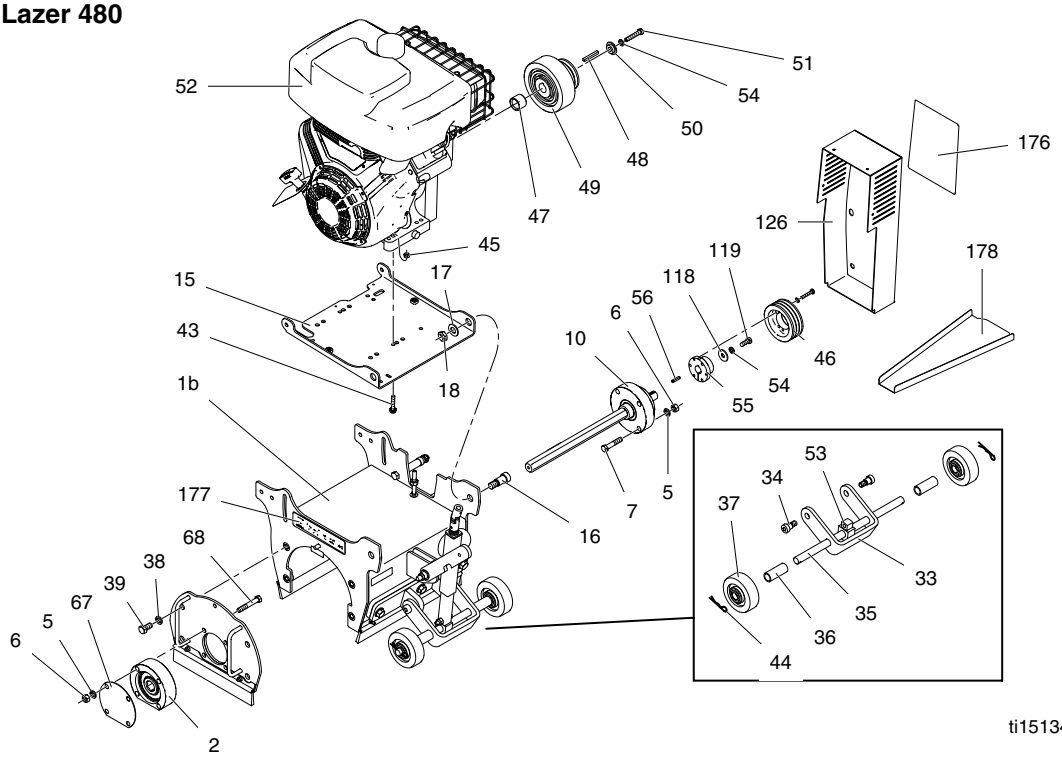
▲ *Replacement Danger and Warning labels, tags, and cards are available at no cost.*

Parts

GrindLazer 270/390



GrindLazer 480



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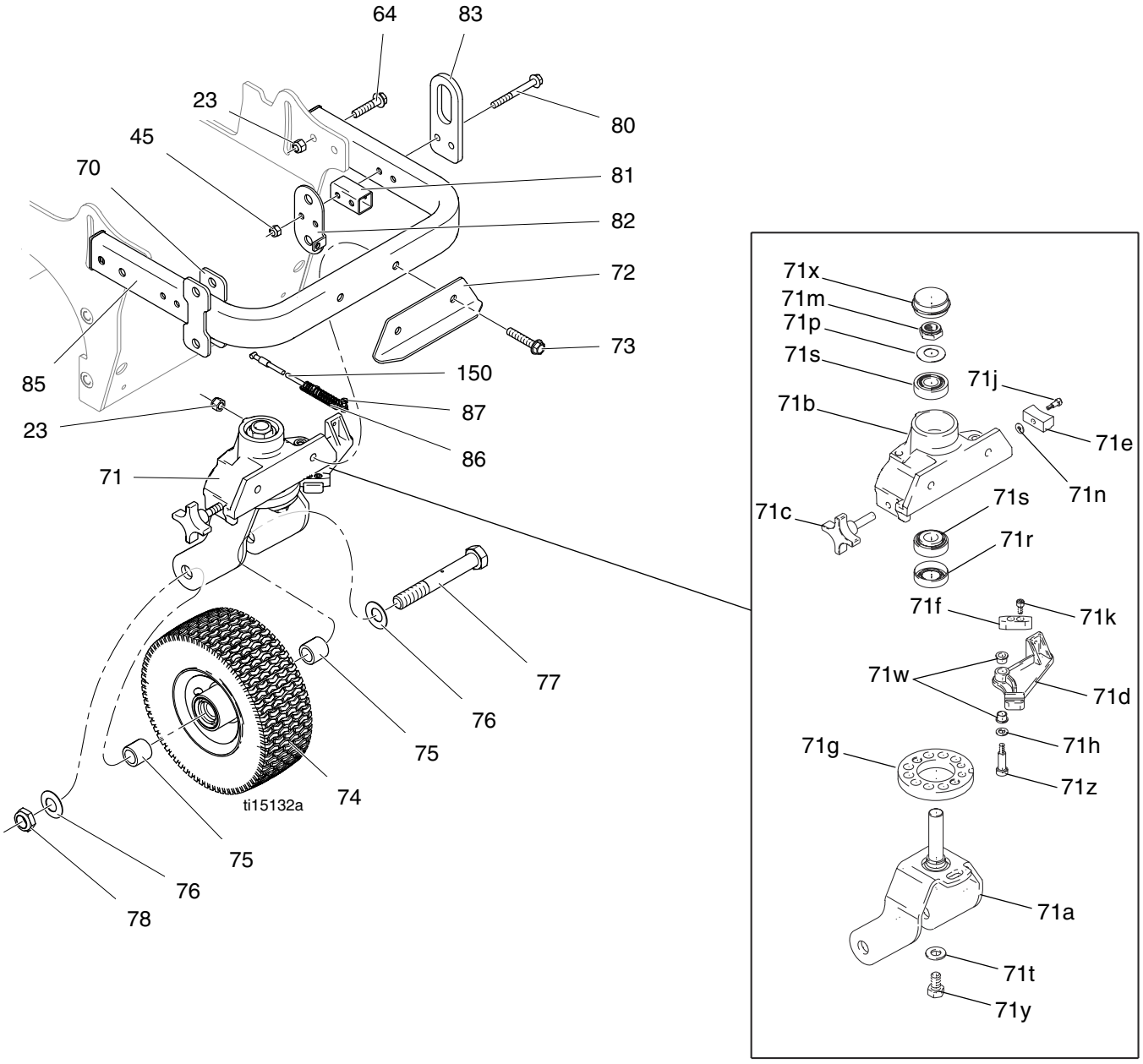
Parts List

Ref.	Part	Description	Qty.
1a	24D185	ENCLOSURE, 9 and 13 HP	1
1b	24D186	ENCLOSURE, 16 HP	1
2	24E291	BEARING, mount	1
5	100052	WASHER, lock	8
6	101213	NUT, full, hex	8
7	123770	SCREW, cap, hex HD	4
10	24E290	KIT, bearing, shaft, drive	1
11	123643	SCREW, cap, hex HD	3
12	16C409	SPACER, guard, belt	3
13	100054	FITTING, lubtn, ST	2
14	100321	NUT	3
15	24D168	PLATE, mount, motor	1
16	123644	SCREW, shoulder, socket head	2
17	111841	WASHER, plain 5/8	2
18	119554	NUT, lock, nylon, thin pattern	2
19	100131	NUT, full hex	2
20	124258	BOLT, carriage	1
21	100004	SCREW, cap, hex HD	2
22	100023	WASHER, flat	2
23	101566	NUT, lock	13
24	123800	FITTING, nipple, pipe, 4.5 long	1
25	100451	COUPLING	1
26	100022	SCREW, cap, hex HD	9
27	102040	NUT, lock, hex	12
28	24D584	KIT, brush, scarifier	2
32	24D170	BRACKET, arm, pivot	1
33	16C666	BRACKET, pivot, wheel	1
34	123746	SCREW, shoulder, socket head	2
35	16C054	AXLE, pivot, drum, wheel	1
36	16C055	SPACER, wheel, pivot	2
37	123613	WHEEL	2
38	100018	WASHER, lock, spring	4
39	123664	SCREW, cap, hex head	7
40	113962	WASHER, hardened, SAE	3
41	24D173	COVER, cage, drum	1
43	112960	SCREW, cap, flng HD	6
44	123906	PIN, cotter, hair pin	2
45	111040	NUT, lock, insert, nylock, 5/16	15
46	123697	PULLEY, sheave, QD, 3V	1
47	16P716	SPACER, clutch (480 only)	1
	16E053	SPACER, clutch (270/390 only)	1
48	801137	KEY, square	1
49	24H323	CLUTCH, centrifugal (480 only)	1
	24H324	CLUTCH, centrifugal (270/390 only)	1
50	16C708	SPACER, engine (390/480 only)	1
	16D067	SPACER, engine (270 only)	1
51	123940	SCREW, cap, hex head (480 only)	1
	123939	SCREW, cap, hex, head (390 only)	1
	123941	SCREW, cap, hex, head (270 only)	1
52	123966	ENGINE, gasoline, 9 HP (270 Models)	1
	123814	ENGINE, gasoline, 13 HP (390 Models)	1
	123663	ENGINE, gasoline, 16 HP (480 Models)	1
53	16C492	ADAPTER, shaft, height adjustment	1
54	100133	WASHER, lock (390/480 only)	1
	100052	WASHER, lock (270 only)	1
55	123799	BUSHING, QD, sheave, pulley	1
56	16D410	KEY, square	1
57	123811	CAP, plug, tube, red, 2 inch	1
59	109570	WASHER, plain	9
60	101580	NUT, lock	4
61	24D150	ACTUATOR, cutter height, assembly	1
62	16C667	ROD, lock, transport	1
63	123681	SWIVEL, universal, joint	1
64	116780	SCREW, hex, hd, flanged	5
*65	123794	BELT, 3VX375, series A	1
	124994	BELT, 3VX355, series B, C, D	1
66	123984	PIN, spring	3
67	16D443	COVER, dust, bearing	2
68	123982	SCREW, cap, hex head	4
69	16D649	SEAL, dust, felt	2
73	114982	SCREW, cap	8
89	119547	NUT, hex, lock, nylon, thin	1
112	108851	WASHER, plain	2
118	100133	WASHER, lock	2
119	116596	SCREW, cap, hex head	2
126	24D075	COVER, belt	1
140	117501	SCREW, mach, slot hex wash HD	5
165	15K616	LABEL	1
171▲	16C393	LABEL, ISO cut foot icon	2
172▲	16C394	LABEL, ISO pinch hazard icon	2
174	16C396	LABEL, grease equipment 50 hours	2
176	16D397	LABEL, brand, Grindlazer 480 (480 only)	1
	16D395	LABEL, brand, Grindlazer 390 (390 only)	1
	16D393	LABEL, brand, Grindlazer 270 (270 only)	1
177	16D398	LABEL, brand, Grindlazer 480 (480 only)	1
	16D396	LABEL, brand, Grindlazer 390 (390 only)	1
	16D394	LABEL, brand, Grindlazer 270 (270 only)	1
178	15F354	FUNNEL, oil	1

** KIT includes belt 65*

▲ *Replacement Danger and Warning labels, tags, and cards are available at no cost.*

Parts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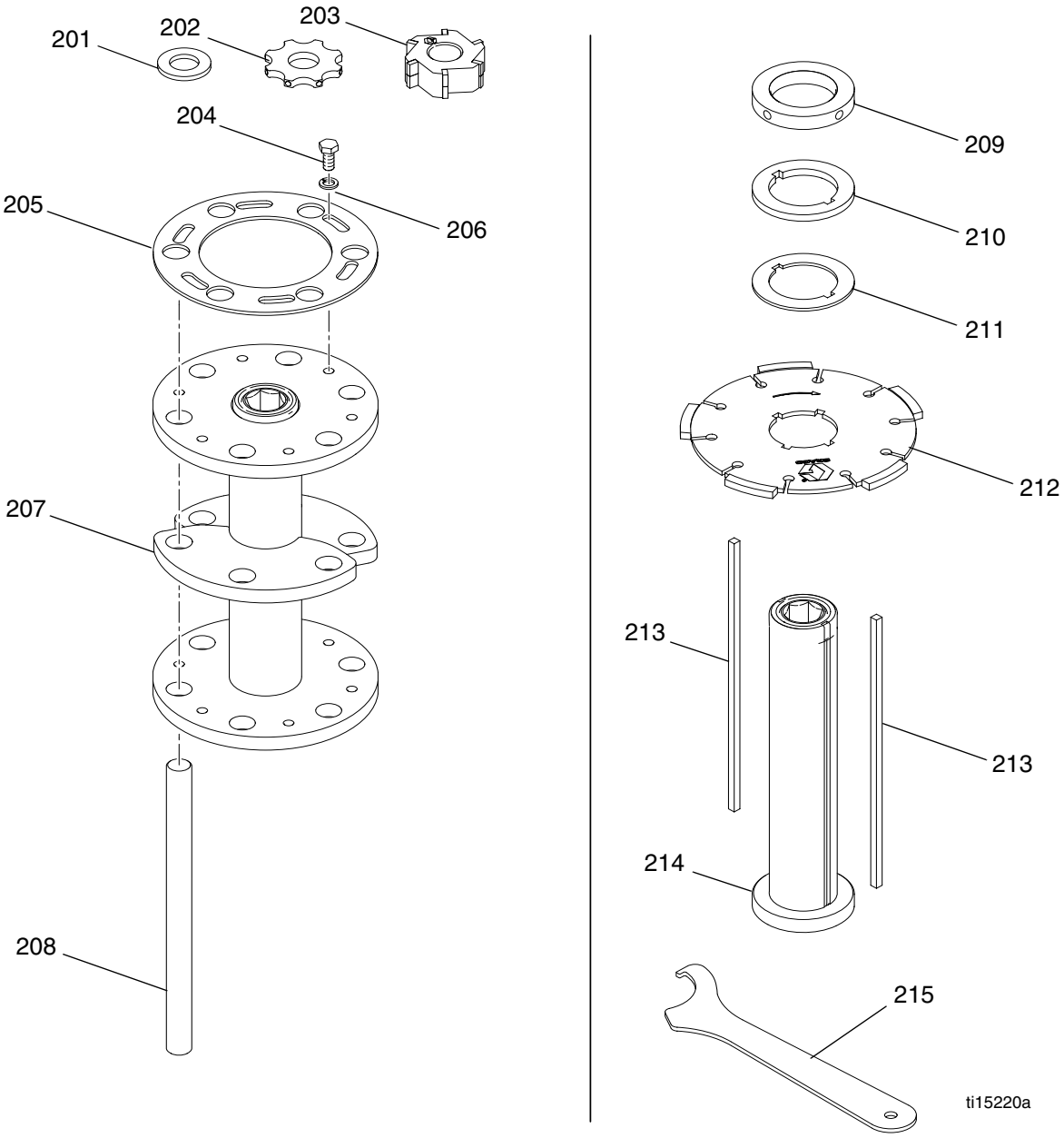
Parts List

Ref.	Part	Description	Qty.
23	101566	NUT, lock	13
45	111040	NUT, lock, insert, nylock, 5/16	15
64	116780	SCREW, hex, HD, flanged	5
70	24D184	FRAME, front	1
71	287881	CASTER, LineLazer	1
71a	240942	SHAFT, fork	1
71b*	15G952	BRACKET	1
71c	181818	KNOB	1
71d	193528	ARM, detent	1
71e	193661	JAW	1
71f	193662	STOP, wedge	1
71g	198606	DISK, adjuster	1
71h	15J603	WASHER	1
71j	108483	SCREW, shoulder, sch	1
71k	110754	SCREW, cap	2
71m	112405	NUT, lock	4
71n	112776	WASHER	1
71p	119563	SPRING, belleville	2
71r	113484	SEAL	1
71s*	113485	BEARING	2
71t	113962	WASHER	1
71w	114548	BEARING, bronze	2
71x	114648	CAP, dust	3
71y	114681	SCREW	1
71z	120476	BOLT	1
72	240991	BRACKET, caster, front	1
73	114982	SCREW, cap, flng HD	4
74	114549	WHEEL, pneumatic	1
75	193658	SPACER, seal	2
76	112825	SPRING, belleville	6
77	113471	SCREW, cap, hex HD	1
78	112405	NUT, lock	3
80	120229	SCREW, hex flange	2
81	16C111	SPACER, support, cable	1
82	15F910	BRACKET, cable	1
83	16C781	PLATE, lift, scarifier	4
85	115087	PLUG, tubing	6
86	114682	SPRING, compression	1
87	114802	STOP, wire	1
150	123816	CABLE	1

** Included in Bracket Repair Kit 240940.*

Drum and Cutter Parts

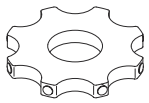


Drum and Cutter Parts List

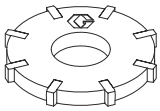
Ref.	Part	Description	Qty.
201	24D981	SPACER, 20 pack	◆
202	24D612	CUTTER, 20 pack	◆
203	24D613	MILLER, 6 pack	◆
204	123791	SCREW	12
205	24D980	PLATE, 2 pack	2
206	100186	WASHER, lock	12
207	16A654	DRUM	1
208	24D979	ROD, 6 pack	6
209	16A259	CAP, end, threaded	◆
210	16A257	SPACER, 1/4 in.	◆
211	16A258	SPACER, 1/8 in.	◆
212	24E289	BLADE, diamond	◆
213	123252	SQUARE KEY	2
214	24D982	DRUM	◆
215	16E065	WRENCH, spanner	1

◆ *Quantities will vary. See chart on page 9.*

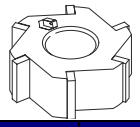
GrindLazer™ Cutter Assemblies

8-Point Flail: Tungsten Carbide Cutter	**Application: All purpose removal of paint, epoxy, and thermoplastic markings, bump-smoothing, and anti-slip grooving**						
Ref.	**Part**	**Description**	**Cut Width**	**Cutters**	**Spacers**	**Rods**	**End Plates**
202	24D612	Replacement 8pt Flail, Tungsten Carbide Cutters (20 per pack)		20			
	24D182	Completely assembled drum for **general purpose**	*6 in. / 15.25 cm	84	234	6	2
	24D180	Completely assembled drum for **general purpose**	*8 in. / 20.5 cm	114	186	6	2
	24B957	Completely assembled drum for **general purpose**	*10 in. / 25.5 cm	138	150	6	2
	24E854	Completely assembled drum for **Fine Finish**	*6 in. / 15.25 cm	108	198	6	2
	24E855	Completely assembled drum for **Fine Finish**	*8 in. / 20.5 cm	144	138	6	2
	24E856	Completely assembled drum for **Fine Finish**	*10 in. / 25.5 cm	174	90	6	2

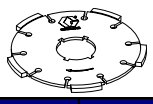
See Repair manual for additional **Cutter Stacking Recommendations**.

8-Point FullCut™ Flail: Tungsten Carbide Cutter	**Application: All purpose removal of paint, epoxy, thermoplastic markings, bump-smoothing, anti-slip grooving, and inlay applications for a smooth finish**						
Ref.	**Part**	**Description**	**Cut Width**	**Cutters**	**Spacers**	**Rods**	**End Plates**
216	24F213	Replacement 8pt FullCut, Tungsten Carbide Cutters (20pack)		20			
	24F184	Completely assembled drum for Ultra Fine Finish	6 in. / 15.25 cm	84	258	6	2
	24F185	Completely assembled drum for Ultra Fine Finish	8 in. / 20.5 cm	108	210	6	2
	24F186	Completely assembled drum for Ultra Fine Finish	10 in. / 25.5 cm	138	162	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

6-Point Miller: Tungsten Carbide Cutter	**Application: Specifically used for thermoplastic, tape removal, and built-up paint**						
Ref.	**Part**	**Description**	**Cut Width**	**Cutters**	**Spacers**	**Rods**	**End Plates**
203	24D613	Replacement 6pt Miller, Tungsten Carbide Cutters (6 pack)		6			
	24E214	Completely assembled drum with cutters	6 in. / 15.25 cm	30	204	6	2
	24D585	Completely assembled drum with cutters	8 in. / 20.5 cm	42	132	6	2
	24D183	Completely assembled drum with cutters	10 in. / 25.5 cm	54	66	6	2

See Repair manual for additional **Cutter Stacking Recommendations**.

Diamond Blades	**Applications: Specifically used to inlay and groove concrete and asphalt pavement**						
Ref.	**Part**	**Description**	**Cut Width**	**Blades**	**1/8 in. Blade Spacers**	**1/4 in. End Spacers**	**Square Key**
212	24E289	Replacement Diamond Blade	1/4 in. / 6.35 cm	1			
	24B965	Completely assembled drum for **pavement grooving/inlay**	5 in. / 12.75 cm	30	204	21	2
	24D583	Completely assembled drum for **pavement grooving/inlay**	10 in. / 25.5 cm	42	132	2	2

See Repair manual for additional **Cutter Stacking Recommendations**.

Drum Components			
Ref.	**Part**	**Description**	**Application**
	24D610	Completely assembled drum **without cutters and spacers**	For use with all Tungsten Carbide Cutters
208	24D979	Replacement Drum Rods	For use with all Tungsten Carbide Cutters (6 pack)
205	24D980	Replacement Drum End Plates	For use with all Tungsten Carbide Cutters (2 pack)
201	24D981	Replacement Steel Spacers	For use with all Tungsten Carbide Cutters (20 pack)
209	16A259	Threaded End Cap	For use with all Diamond Blade Cutters
210	16A257	1/4 in. Spacer	For use with all Diamond Blade Cutters
211	16A258	1/8 in. Spacer	For use with all Diamond Blade Cutters
213	123252	Square Key	For use with all Diamond Blade Cutters
214	24D982	Assembled Diamond Blade drum without blades and spacers	For use with all Diamond Blade Cutters

Notes

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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Original instructions. This manual contains English. MM 3A0103

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